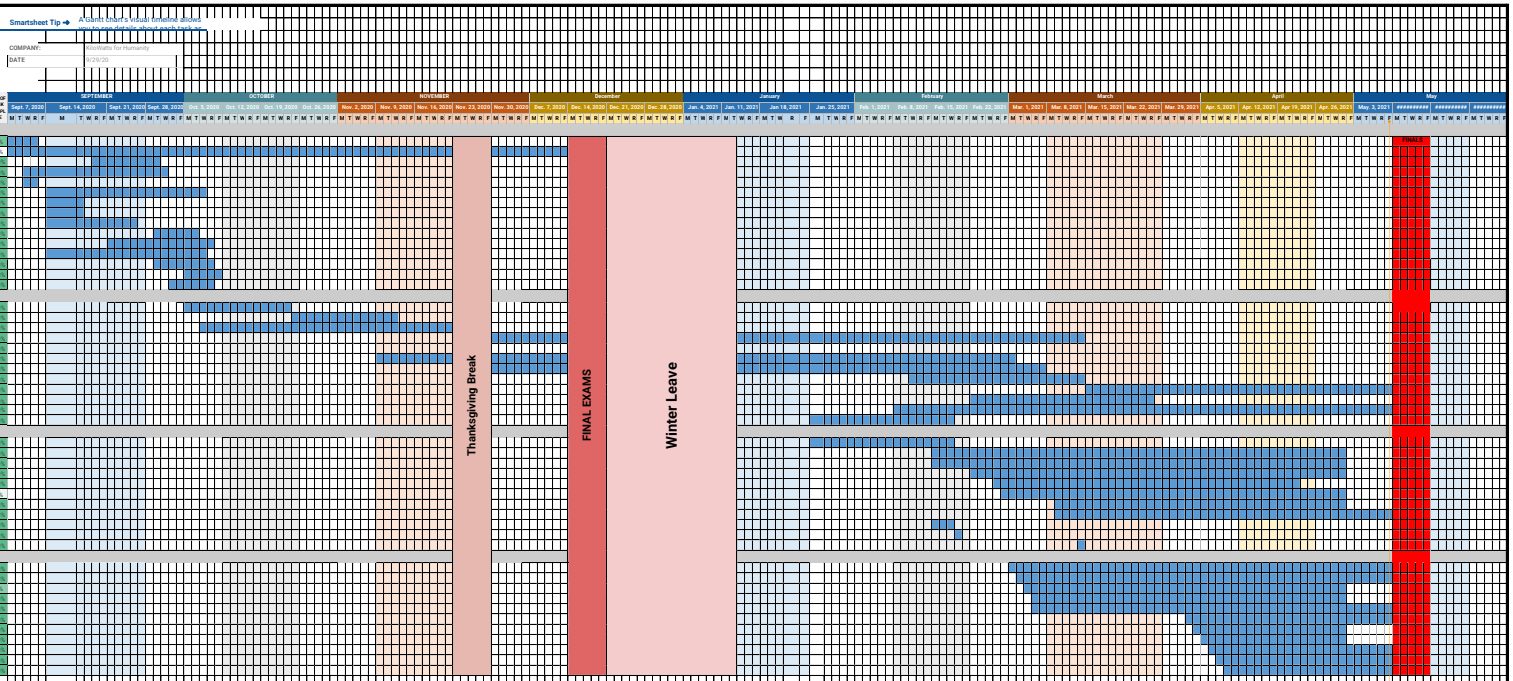
GANTT CHART

Smartsheet Tip → A Gantt chart's visual timeline assists project planning.

TEAM #4: The Solar Sailors
PROJECT: Pyranometer Build
COMPANY: EnviroWatts for Humanity
DATE 9/19/20

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE
1	**Project Conception and Initiation**	**Lukas**				
1.01	Designate Team Roles	All Sailors	9/8/20	9/11/20	3	75%
1.02	Research in Pyranometer Design	All Sailors	9/7/20	12/14/20	97	65%
1.03	Develop Rough Budget	Lukas V	9/17/20	9/29/20	12	100%
1.04	Select a sensor	All Sailors	9/21/20	9/30/20	9	100%
1.05	Team Contact	All Sailors	9/10/20	9/10/20	0	100%
1.06	Select a microcontroller	Lukas V	9/14/20	10/7/20	23	100%
1.07	1st Team Instructer Meeting	All Sailors	9/14/20	9/15/20	1	100%
1.08	Preliminary circuit design	Lukas V	9/14/20	9/15/20	1	100%
1.09	Product Requirment Documents	All Sailors	9/14/20	9/24/20	10	100%
1.1	Project Schedule	All Sailors	9/29/20	10/6/20	7	100%
1.11	Rough 3D CAD Design of Case	Nick R.	9/21/20	10/13/20	22	100%
1.12	Develop circuit based on research	All Sailors	9/14/20	10/7/20	23	100%
1.13	Portfolio	All Sailors	9/29/20	10/8/20	9	100%
1.14	Logbook Check	All Sailors	10/5/20	10/9/20	4	80%
1.15	Snapshot 1#	All Sailors	10/2/20	10/13/20	11	100%
2	**Prototyping**	**Adriana**				
2.01	Create funding proposal	Lukas and Adriana	10/5/20	10/10/20	5	100%
2.01.2	Order Initial Supplies	Lukas will email Dr. Li	######	10/30/20	4	100%
2.02	Update Budget	Lukas V	10/7/20	10/23/20	16	100%
2.03	Design Case Prototype	Nick R.	######	2/19/21	79	100%
2.035	Simulate Case Durability	Nick R.	2/15/21	2/19/21	4	100%
2.04	Start Code for the Microcontroler	All sailors	11/9/20	3/1/21	112	80%
2.05	Assemble Circuit	Lukas, Brady, Adriana	######	3/1/21	91	100%
2.06	Assemble Prototype	All Sailors	2/10/21	3/13/21	33	100%
2.07	Test Pyranometer accuracy	All Sailors	3/15/21	5/7/21	52	0%
2.08	Print Case Prototype	Nick R.	2/22/21	3/1/21	9	0%
2.09	Refine Prototype Design	All Sailors	2/8/21	5/8/21	90	100%
2.1	Create Updated Parts list, if needed	Nick R.	1/6/21	2/17/21	41	100%
3	**Refining Design**	**Brady**				
3.01	Order Updated Parts List	All Sailors	1/6/21	2/17/21	41	80%
3.02	Construct Updated Circut	Lukas, Brady, Adriana	2/15/21	3/12/21	27	100%
3.03.1	Improve 3D Case Design, if needed	Nick R.	2/15/21	3/12/21	27	100%
3.03.2	Create Improved 3D Case, if needed	Nick R.	2/22/21	3/12/21	20	100%
3.03.3	Construct Improved Prototype	All Sailors	2/25/21	3/12/21	17	100%
3.03.4	Test Improved Prototype	All Sailors	2/27/21	3/9/21	12	70%
3.03.5	Review Design	All Sailors	3/9/21	3/11/21	2	100%
3.04	Repeat steps 3.01 - 3.03.5, if needed	All Sailors	3/9/21	5/8/21	59	100%
3.05	Engineering Release Review	All Sailors	2/15/21	2/17/21	2	100%
3.06	Logbook #4	All Sailors	2/19/21	2/19/21	0	50%
3.1	Team Member Citizenship	All Sailors	2/24/21	2/26/21	2	100%
4	**Finalization of Design**	**Nick**				
4.01	Update Portfolio	All Sailors	3/1/21	3/9/21	8	100%
4.02	Wikispace	All Sailors	3/2/21	3/9/21	7	100%
4.03	Order Final Unit Parts List	All Sailors	3/3/21	3/12/21	9	90%
4.04	Assemble Final Unit	All Sailors	3/4/21	3/30/21	26	100%
4.05	Calibrate Final Unit	All Sailors	3/4/21	4/16/21	42	0%
4.06	Logbook	All Sailors	4/2/21	4/16/21	14	0%
4.07	Booth Display/ Poster	All Sailors	4/5/21	4/30/21	27	100%
4.08	Technical Presentation	All Sailors	4/4/21	4/30/21	26	100%
4.09	Design Report	All Sailors	4/5/21	4/29/21	24	0%
4.1	Final Portfolio	All Sailors	4/6/21	5/8/21	32	0%
4.11	Final Wikispace	All Sailors	4/7/21	5/8/21	31	0%